

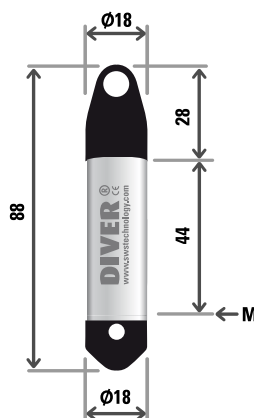


Specifications

Micro-Diver®



Scale 1:1



M = membrane
Dimensions are expressed in mm.

DI 601 – 10 meter water column

Pressure	
range	10 mH ₂ O
accuracy	±1.0 cmH ₂ O
resolution	0.2 cmH ₂ O

DI 602 – 20 meter water column

Pressure	
range	20 mH ₂ O
accuracy	±2.0 cmH ₂ O
resolution	0.4 cmH ₂ O

DI 605 – 50 meter water column

Pressure	
range	50 mH ₂ O
accuracy	±5.0 cmH ₂ O
resolution	1.0 cmH ₂ O

DI 610 – 100 meter water column

Pressure	
range	100 mH ₂ O
accuracy	±10.0 cmH ₂ O
resolution	2.0 cmH ₂ O

Temperature

range	-20 °C to 80 °C
compensated range	0 °C to 50 °C
accuracy	±0.1 °C
resolution	0.01 °C

Wetted materials

housing	Stainless steel (316L)
O-ring	Viton®
pressure sensor	Ceramic (Al ₂ O ₃)
cap/nose cone	Nylon PA6 30% glass fibre

Other

operating elevation range	-300 to 5,000 m MSL
memory	2 x 48,000 measurements
battery life	10 years with 1 minute or greater sample interval within the compensated temperature range
weight	45 grams
sample interval	0.5 second to 99 hour
sample methods	fixed, event based, average and pumping test

Other specifications according to the Diver manual.

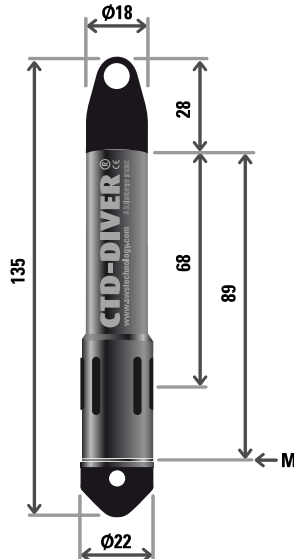


Specifications

CTD-Diver®



Scale 1:1



M = membrane
 Dimensions are expressed in mm.

DI 271 - 10 meter water column

Pressure	
range	10 mH ₂ O
accuracy	±0.5 cmH ₂ O
resolution	0.2 cmH ₂ O

DI 272 - 50 meter water column

Pressure	
range	50 mH ₂ O
accuracy	±2.5 cmH ₂ O
resolution	1.0 cmH ₂ O

DI 273 - 100 meter water column

Pressure	
range	100 mH ₂ O
accuracy	±5.0 cmH ₂ O
resolution	2.0 cmH ₂ O

Conductivity

range	0 mS/cm to 30 or 120 mS/cm (user adjustable)
accuracy	±1 % of reading
resolution	0.1 % of reading

Temperature

range	-20 °C to 80 °C
compensated range	0 °C to 50 °C
accuracy	±0.1 °C
resolution	0.01 °C

Wetted materials

housing	Ceramic (ZrO ₂)
O-ring	Viton®
pressure sensor	Ceramic (Al ₂ O ₃)
cap/nose cone	Nylon PA6 30% glass fibre
conductivity sensor housing	Ceramic (ZrO ₂)
conductivity sensor	Platinum electrodes on ceramic (Al ₂ O ₃) carrier

Other

operating elevation range	-300 to 5,000 m MSL
memory	3 x 48,00 measurements
battery life	10 years with 3 minutes or greater sample interval within the compensated temperature range
weight	95 grams
sample interval	1 second to 99 hour
sample methods	fixed, event based, average and pumping test

Other specifications according to the Diver manual.



Specifications

Baro-Diver®



Scale 1:1

DI 500

Pressure	
range	1.5 mH ₂ O
accuracy	±0.5 cmH ₂ O
resolution	0.1 cmH ₂ O

Temperature

range	-20 °C to 80 °C
compensated range	-10 °C to 50 °C
accuracy	±0.1 °C
resolution	0.01 °C

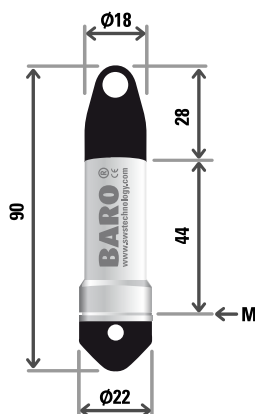
Wetted materials

housing	Stainless steel (316L)
O-ring	Viton®
pressure sensor	Ceramic (Al ₂ O ₃)
cap/nose cone	Nylon PA6 30% glass fibre

Other

operating elevation range	-300 to 5,000 m MSL
memory	2 x 24,000 measurements
battery life	10 years with 1 minute or greater sample interval within the compensated temperature range
weight	55 grams
sample interval	0.5 second to 99 hour
sample method	fixed

Other specifications according to the Diver manual.



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Dimensions are expressed in mm.